



ACKD. BT.

THE HEALTH
OF
GRIMSBY RURAL DISTRICT

1963

R. T. PAGAN,
M.B., B.S., L.R.C.P., M.R.C.S., D.P.H.,
Medical Officer of Health
to 22 · 4 · 63

ELIZABETH BRITAIN,
M.B., B.S., D.P.H.,
Medical Officer of Health
from 19 · 8 · 63

GRIMSBY RURAL DISTRICT COUNCIL

Council Offices,
Deansgate,
GRIMSBY,
Lincs..

Tel. Grimsby 58221/5

Port Health Office,
IMMINGHAM DOCK,
Grimsby,
Lincs..

Tel. Immingham 206

Chairman of the Council
Councillor J. S. Procter.

Chairman of the Public Health and Housing Committee
Councillor G. A. Robinson.

Chairman of the Works Committee
Councillor A. E. Pool.

Medical Officer of Health and Port Medical Officer
Robert T. Pagan, M. B., B. S., D. P. H., M. C. R. S., L. R. C. P.
to 14th July, 1963.

Elizabeth Britain, M. B., B. S., D. P. H.
from 19th August, 1963.

Deputy Port Medical Officers

S. Bedford, L. R. C. P. & S.
G. R. Gates, M. B., Ch. B.

Chief Public Health Inspector (including Port of Immingham)
C. C. Watson, M. R. S. H., M. A. P. H. I.

Deputy Chief Public Health Inspector
A. F. C. Kent, M. R. S. H., M. A. P. H. I.

Additional Public Health Inspector
E. H. Barnett, Cert. R. S. H.

Pupil Public Health Inspector
D. W. Naylor.

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GRIMSBY RURAL DISTRICT COUNCIL

REPORT OF THE MEDICAL OFFICER OF HEALTH

TO THE CHAIRMAN AND MEMBERS OF
THE GRIMSBY RURAL DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you this annual report on the health of the Grimsby Rural District during 1963.

For part of the year my predecessor, Dr. R. T. Pagan, was your Medical Officer of Health so that much of the basic work fell on his shoulders, and I can only comment from personal experience on events during the latter part of the year.

I have pleasure in reporting that statistics contained in the text indicate a healthy community. Credit for the fall in the infant mortality rate to 8.3 must go to those responsible for this improvement, namely the Maternity Hospital staff, General Practitioners, midwives and health visitors.

I wish to thank Dr. Cormac for the information in this report relating to County Services, and to thank all County Council staff for their help and co-operation. I wish particularly to thank Mr. Watson and all the staff of the Health Department for their valuable and loyal support

Finally, I wish to express my gratitude to the Chairman and Members of the Health Committee for their help and guidance.

I have the honour to be,

Your obedient Servant,

ELIZABETH BRITAIN

Medical Officer of Health.

GENERAL DESCRIPTION OF THE DISTRICT.

The Grimsby Rural District, covering 39,251 acres of some of the richest farmland in England, lies in the extreme north-east corner of Lincolnshire. It curves round the towns of Grimsby and Cleethorpes, with some ten miles of coastline to the north and south of these towns, and stretches inland to the slopes of the Lincolnshire Wolds. Its twenty-one parishes are the home of 19,910 people, with 6,871 houses inhabited at 1st April, 1964.

It is a district of contrasts; picturesque villages and modern industries; up-to-date docks with growing townships; quiet country villages and many attractive residential areas.

The district continues to prosper with a rateable value (at 31st March, 1963) of £1,533,390, and an estimated product of a penny rate of £6,593.

VITAL STATISTICS:-

Deaths:-

Total number of deaths...	...	...	...	...	168
Death rate per 1,000 population ..	...	...	...	...	8.4
Corrected death rate...	...	...	...	...	9.7

Live Births:-

Number of legitimate live births...	...	...	...	...	570
Number of illegitimate live births...	...	...	...	...	19
TOTAL NUMBER OF LIVE BIRTHS	...	...	...	...	589
Birth rate per 1,000 population...	...	...	...	...	30.1
Corrected birth rate...	...	...	...	...	27.7
Illegitimate live births % of total live births	...	...	...	...	3.2

Stillbirths:-

Number of stillbirths...	...	...	...	...	8
Rate per 1,000 live and stillbirths	...	...	...	...	13.1
Total live and stillbirths...	597

Infant Deaths:-

Number of deaths under 1 year...	5
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Infant Mortality Rates:-

Total infant deaths per 1,000 live births	8.3
Legitimate infant deaths per 1,000 legitimate live births	8.8
Illegitimate infant deaths per 1,000 illegitimate live births	...	...	...	...	Nil

Neo-natal mortality rate:-

Deaths of infants under 4 weeks per 1,000 live births...	...	...	...	...	6.8
Total infant deaths under 4 weeks of age	...	...	...	...	4

Early Neo-natal mortality rate:-

Deaths under 1 week per 1,000 live births	...	...	6.8
Total infant deaths under 1 week	...	...	4

Perinatal mortality rate:-

Stillbirths and deaths under 1 week per 1,000 total live births			19.8
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Maternal mortality rate (including abortion):-

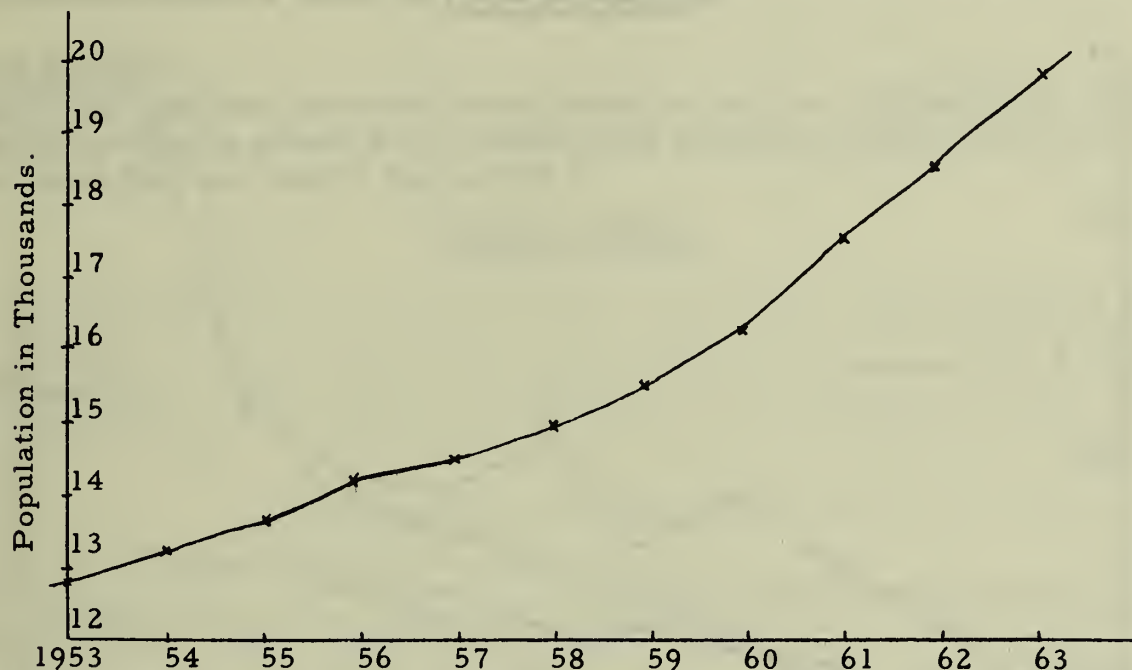
Number of deaths	Nil
Death rate per 1,000 live and stillbirths	Nil

CAUSES OF DEATHS IN THE GRIMSBY RURAL DISTRICT - 1963:-

			Male	Female	Total 1963	Total 1962
1.	Tuberculosis, Respiratory		1	-	1	-
2.	Tuberculosis, Other		-	-	-	-
3.	Syphilitic Disease		-	-	-	1
4.	Diphtheria		-	-	-	-
5.	Whooping Cough		-	-	-	-
6.	Meningococcal Infections		-	-	-	-
7.	Acute Poliomyelitis		-	-	-	-
8.	Measles		-	-	-	-
9.	Other Infective & Parasitic Diseases		1	-	1	1
10.	Malignant Neoplasms, Stomach ...		2	-	2	2
11.	Malignant Neoplasms, Lung, Bronchus		5	-	5	5
12.	Malignant Neoplasms, Breast ...		-	2	2	3
13.	Malignant Neoplasms, Uterus ...		-	2	2	-
14.	Other Malignant & Lymphatic Neoplasms		6	11	17	17
15.	Leukaemia, Aleukaemia		-	2	2	2
16.	Diabetes		-	2	2	3
17.	Vascular Lesions of the Nervous System		12	12	24	22
18.	Coronary Disease, Angina		20	10	30	28
19.	Hypertension with Heart Disease ...		1	4	5	6
20.	Other Heart Diseases		9	5	14	13
21.	Other Circulatory Diseases		4	13	17	12
22.	Influenza		-	-	-	1
23.	Pneumonia		5	5	10	8
24.	Bronchitis		1	2	3	11
25.	Other Diseases of Respiratory System		-	1	1	1
26.	Ulcer of Stomach and Duodenum ...		-	-	-	1
27.	Gastritis, Enteritis and Diarrhoea		-	1	1	3
28.	Nephritis and Nephrosis		-	-	-	2
29.	Hyperplasia of Prostate		1	-	1	2
30.	Pregnancy, Childbirth & Abortion ...		-	-	-	-
31.	Congenital Malformations		-	-	-	-
32.	Other Defined and Ill-defined diseases		5	14	19	18
33.	Motor Vehicle accidents		5	-	5	3
34.	All other accidents		-	-	-	2
35.	Suicide		1	3	4	1
36.	Homicide & Operations of War ...		-	-	-	-
TOTALS:			79	89	168	171

COMMENT ON VITAL STATISTICS.Population.

Natural increase in population, i.e. excess of births over deaths in 1963 was 431. The Registrar General's Estimate of the mid-year population, 19,910 is 1,410 greater than the 1962 figure. The increase for the past ten years is shown in 'Graph One'.

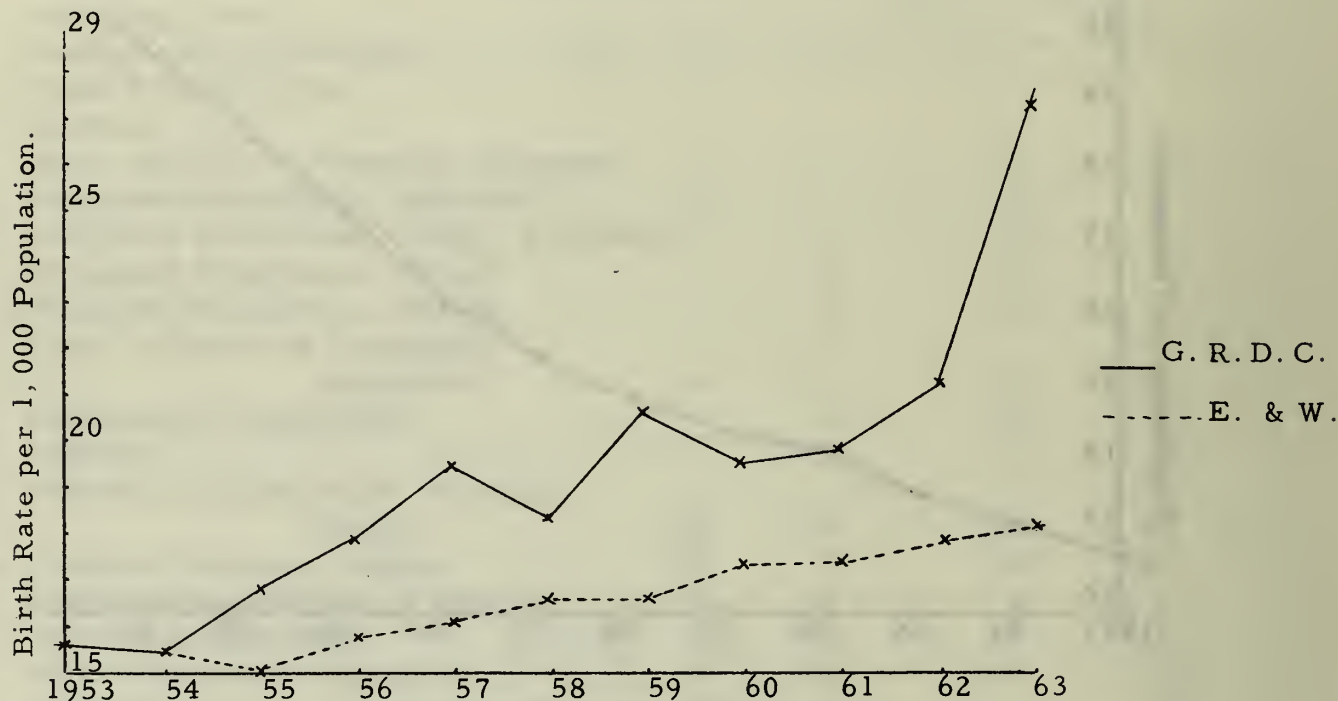
GRAPH ONE.

Year	Population
1953	12,820
1954	13,190
1955	13,490
1956	14,180
1957	14,590
1958	15,040
1959	15,440
1960	16,270
1961	17,650
1962	18,500
1963	19,910

Births.

There were 599 live births in 1963, the highest number ever recorded in the Rural District and an increase of 176 over the 1962 figure. The birth rate rose from 22.4 in 1962 to 30.1 in 1963. The Registrar General's comparability factor was 0.92 for the year, therefore our birth rate for comparison with other areas in England and Wales was 27.7. The birth rate for England and Wales was 18.2 for this year.

GRAPH TWO.



Graph showing rise in birth rate over last ten years.

Year	Birth rate G.R.D.C.	Birth rate E. & W.
1953	15.5	15.5
1954	15.3	15.2
1955	16.8	15.0
1956	18.0	15.7
1957	19.4	16.1
1958	18.2	16.4
1959	20.5	16.5
1960	19.5	17.1
1962	22.4	18.0
1963	30.1	18.2

Illegitimate Births.

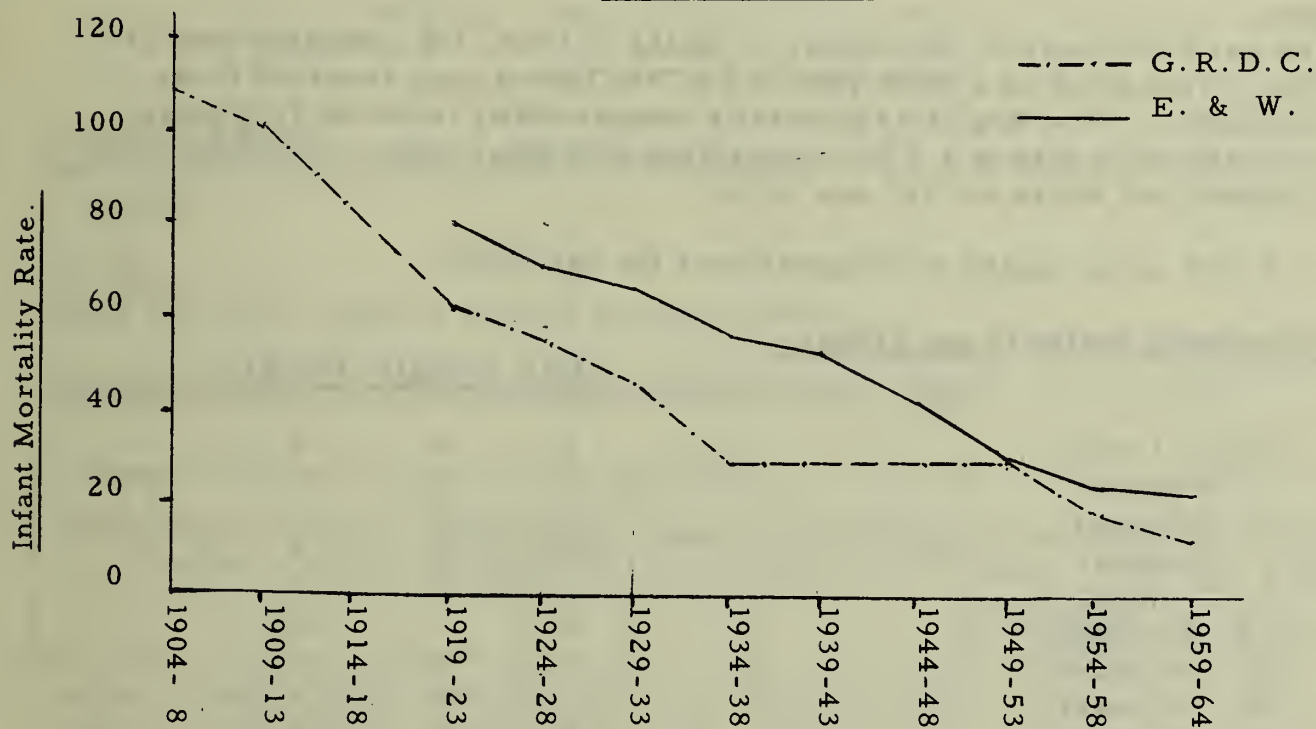
The number of illegitimate births this year was 19, compared with 10 last year, the percentage of illegitimate births being 3.2 compared with 2.5 last year.

Stillbirths.

There were 8 stillbirths notified during the year, compared with 11 in 1962. The stillbirth rate is 13.4 compared with a rate of 20.6 in 1962. This is a decrease, but when the numbers involved are so small, a small decrease in the numbers makes a large decrease in the rate.

Infant Mortality.

There were 5 infants that died under the age of one year during 1963. This gives an infant mortality rate of 8.3, considerably below the national rate of 21.1 and also lower than last year's figure of 9.7.

GRAPH THREE.

Year	G.R.D.C.	E. & W.
1904 - 8	109.4	-
1909 - 13	100.4	-
1914 - 18	-	-
1919 - 23	60.4	80
1924 - 28	55.1	71
1929 - 33	46.1	66
1934 - 38	29.5	57
1939 - 43	-	53
1944 - 48	-	42
1949 - 53	29.5	29.6
1954 - 58	19.5	24
1959 - 63	12.5	21.3

Neo-natal mortality.

There were 4 infant deaths in the first 4 weeks of life. This gives a neo-natal mortality rate of 6.8, which compares favourably with last year's figure of 9.7 and 14.2 for England and Wales.

Early Neo-natal mortality.

The early neo-natal mortality for the year was 6.8, there being 4 deaths of infants under one week of age.

Perinatal mortality.

The combined number of stillbirths and deaths of infants under one week was 12 giving a rate of 20% per 1,000 total live and stillbirths compared with 35.4 last year.

Deaths.

There was a decrease in the number of deaths in 1963, 168 compared with 171 in 1962. This gives us a death rate of 8.4, the lowest ever recorded in the Rural District. The Registrar General's comparability factor of 1.15 gives a corrected death rate of 9.7 for comparison with other areas. The death rate for England and Wales in 1963 was 12.2.

41.1% of the deaths were people over the age of 65.

Table showing deaths in age groups:-

	<u>Male</u>	<u>Female</u>	<u>TOTAL</u>
Under 1 week	2	2	4
1 - 4 weeks	-	-	-
5 - 52 weeks	-	1	1
1 - 5 years	-	3	3
5 - 15 years	-	1	1
15 - 25 years	2	-	2
25 - 35 years	1	1	2
35 - 45 years	3	2	5
45 - 55 years	5	3	8
55 - 65 years	16	10	26
65 - 75 years	25	22	47
75 and over	25	44	69
TOTAL:	79	89	168

More women than men died in the Rural District in 1963; this is unusual as the following table shows:-

<u>Year</u>	<u>Male Deaths</u>	<u>Female Deaths</u>
1953	85	66
1954	76	65
1955	74	60
1956	69	60
1957	81	74
1958	62	75
1959	68	69
1960	80	71
1961	98	84
1962	92	79
1963	79	89
TOTAL: 864		792

Accidental Deaths.

There were five accidental deaths this year; all of these deaths were road accidents.

Suicide.

There were four cases of suicide during the year.

The following table sets out the Vital Statistics since 1953.

Year	Population	Total Births	Birth Rate		Total Deaths	Death Rate		Infant Mortality - Deaths under 1 year per 1,000 live births	
			GRD	E/W		GRD	E/W	GRD	E/W
1953	12,820	199	15.5	15.5	151	11.8	11.4	20.1	18.6
1954	13,190	202	15.3	15.2	141	10.7	11.3	19.8	25.5
1955	13,490	226	16.8	15.0	134	9.9	11.7	13.3	24.9
1956	14,180	255	18.0	15.7	129	9.1	11.7	35.3	23.8
1957	14,590	283	19.4	16.1	155	10.6	11.5	10.6	23
1958	15,040	273	18.2	16.4	147	9.8	11.7	18.3	22.5
1959	15,440	310	20.5	16.5	137	9.7	11.6	6.5	22
1960	16,270	318	19.5	17.1	151	10.6	11.5	15.7	21.7
1961	17,650	363	19.9	17.4	182	12.2	11.5	33.1	21.4
1962	18,500	413	21.7	18.0	171	10.9	11.9	9.7	21.4
1963	19,910	599	27.7	18.2	168	9.7	11.2	8.3	21.1

INFECTIOUS DISEASES.Diseases notified under the 1936 Public Health Act, (excluding Tuberculosis).

Scarlet Fever	...	...	7	Whooping Cough	...	...	25
Dysentery	...	...	2	Chicken Pox	...	...	25
Measles	...	...	278	Typhoid	...	...	1

Distribution of the diseases by Parish.

Parish	Chicken Pox	Measles	Dysentery	Scarlet Fever	Whooping Cough	Typhoid	TOTAL
Ashby-cum-Fenby	-	4	-	-	-	-	4
Aylesby	-	1	-	-	-	-	1
Bēelsby	-	5	-	-	-	-	5
Brigsley	-	5	-	-	-	-	5
Gt. Coates	1	5	-	-	-	-	6
Habrough	-	18	-	-	-	-	18
Healing	4	5	-	1	5	-	15
Humberston	2	96	-	2	7	-	107
Immingham	7	83	-	1	2	1	94
Irby-upon-Humber	-	1	-	-	-	-	1
Laceby	4	21	-	1	4	-	30
New Waltham	-	11	1	-	6	-	18
East Ravendale	-	2	-	-	-	-	2
West Ravendale	-	2	-	-	-	-	2
Stallingborough	-	3	-	-	-	-	3
Waltham	7	14	1	2	1	-	25
Wold Newton	-	2	-	-	-	-	2

Distribution of Notifiable Diseases in Age Groups.

Disease	-1	1	2	3	4	5-9	10-15	15-24	24 & Over	TOTAL
Scarlet Fever	-	-	-	-	-	5	-	2	-	7
Measles	12	33	36	39	39	116	1	1	1	278
Dysentery	-	-	-	-	-	-	-	-	2	2
Whooping Cough	2	3	4	2	2	10	2	-	-	25
Typhoid	-	-	-	-	-	-	-	-	1	1
Chicken Pox	-	1	-	3	3	10	4	3	1	25
TOTAL:	14	37	40	44	44	141	7	6	5	338

TUBERCULOSIS.

During 1963 there were 5 new cases of pulmonary tuberculosis notified:-

Humberston - 2
 Immingham - 1
 Laceby - 1
 Waltham - 1

A further 8 cases were notified as having moved into the district during the year:-

4 from Grimsby
 1 from Cleethorpes
 1 from Nottingham
 1 from Killingholme
 1 from Rothwell

This makes a total of 13 cases as compared with 22 last year. However, 6 of the existing cases were notified as having recovered, 9 as having moved from the district and 2 cases died. This gives a net drop of 4 in the number of cases in the district as a whole.

Venereal Disease.

The following are the figures relating to the last ten years for this area. As you can see, although the incidence is very small, the trend is towards an increase.

Year	Early Syphilis		Latent Syphilis		Congenital Syphilis		Gonorrhoea		Non V. D.		TOTAL
	M	F	M	F	M	F	M	F	M	F	
1954	-	-	2	-	-	-	-	-	6	-	8
1955	-	-	-	-	-	-	2	-	6	2	10
1956	-	-	-	-	-	-	-	-	5	2	7
1957	-	-	2	1	-	1	2	-	12	3	21
1958	-	-	-	-	-	-	-	-	9	-	9
1959	-	-	1	1	-	-	3	-	12	4	21
1960	-	-	-	-	-	-	5	1	14	3	23
1961	-	-	-	1	-	-	-	-	6	5	12
1962	-	-	1	1	-	-	2	1	12	-	17
1963	1	-	1	-	-	-	-	-	14	2	18

Amongst the seamen at Immingham Docks, there were:-

2 cases of Early Syphilis
7 cases of Gonorrhoea
56 cases of Non V. D.

These were treated at the Special Clinic in Queen Street, Grimsby. There were 65 cases amongst seamen last year.

COMMENT ON INFECTIOUS DISEASES.

Measles.

A fairly high incidence of measles was expected in 1963, the customary biennial epidemic; this occurred in the early months of the year.

Whooping Cough.

The 25 cases notified during 1963 is the highest number since 1959. This comparatively high incidence does show that we cannot afford to be complacent about immunisation against infectious diseases.

Typhoid.

The one case notified was a Spanish seaman who was admitted to Springfield Hospital. By the time the diagnosis had been made, his ship had sailed and the department was unable to investigate the source of the infection.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA:-(a) Laboratory Facilities:-

These are available for the examination of throat and nose swabs, sputum, etc., at the Public Health Laboratory, Lincoln, and at the Pathological Department at the Grimsby General Hospital. I am grateful to Dr. Croll and to Dr. Lawy for their help and advice.

(b) Ambulance Facilities:-

These are provided by the Lindsey County Council, Telephone number - Cleethorpes 61288.

(c) Nursing at home:-

District Nurses and Midwives are stationed in the Rural District. The Lindsey County Council also provide the service of a nurse for cases of Ophthalmia Neonatorum to be nursed at home, when requested by the General Medical Practitioners.

(d) Clinics:-

The Lindsey County Council, from the Clinic at St. Hugh's Avenue, Cleethorpes, provide the following services:-

<u>Clinic</u>	<u>Day</u>	<u>Hours</u>
School	Monday	10.00am. (by appointment)
Eye	Friday	9.30am. (by appointment)

Immunisation and Vaccination Clinics:-

... ..	1st and 3rd Wednesday in month	P.M. (by appointment)
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Other Clinics:-

Toddlers' Clinic	Tuesday	2.00pm. (by appointment)
Infant Welfare ...	Monday & Thursday	9.30am. and (by appointment) 2.00pm.
Ante-Natal ... (Blood test)	2nd Wednesday in month	P.M. (by appointment)
Sunlight Clinic ...	Monday & Thursday	9.15am. (by appointment)
Dental	Daily	9.30am. (by appointment)

Other Clinics (continued):-

	<u>Day</u>	<u>Hours</u>
Speech Therapy	Thursday & Friday	9.00am. and (by appointment) 1.30pm.
Tuberculosis	Patients attend the Chest Clinic, Abbey Road, Grimsby.	By appointment.

Additional Clinics are held at the following villages:-

IMMINGHAM - former Air Raid Shelter, Humberville Road.

Infant Welfare Every Monday 2.00pm.

LACEBY - British Legion Hall.

Infant Welfare Every Wednesday 2.00pm.

NEW WALTHAM - Community Centre.

Infant Welfare Every Wednesday 2.00pm.

WALTHAM - Ross Hall.

Infant Welfare Every Friday 2.00pm.

HUMBERSTON - Wendover Hall.

Infant Welfare Every Friday 2.00pm.

HEALING - Methodist Chapel, Station Road.

Infant Welfare 1st and 3rd Tuesday
in month 2.00pm.

General Hospitals:-

Facilities for treatment are available at the Scartho Road Hospital and at the Grimsby General Hospital.

Maternity Hospitals:-

Patients from this district are admitted to Nunsthorpe Maternity Hospital, Grimsby, or the Croft Baker Maternity Hospital, Cleethorpes.

Springfield Infectious Disease Hospital:-

This hospital provides facilities for investigation and treatment of infectious diseases including tuberculosis. There are also facilities for the care of 66 chronic sick patients.

Immingham Hospital:-

This small hospital provides 33 beds for the treatment of elderly chronic sick patients.

Smallpox Hospital, Laceby:-

Fortunately, this hospital has not been used during the year.

The Medical Officer of Health is a Co-opted Member of the House Committee of these hospitals.

Members of Lindsey County Council Staff who also work
in the Grimsby Rural District.

Dr. M. Robertson	- Assistant County Medical Officer
Dr. I. M. Harkness, M.B., Ch.B.	- Assistant County Medical Officer
Dr. J. D. Carrick, M.B., Ch.B.	- Assistant County Medical Officer
Dr. F. P. S. MacDonagh, M.B., Ch.B.	- Assistant County Medical Officer
Miss G. Roberts, L.C.S.T.	- Speech Therapist.

Health Visitors:-

Mrs. H. L. Bryan, S.R.N., S.C.M., 203 Macauley Street, Grimsby.
(Telephone 2143)

Mrs. E. James, S.R.N., S.C.M., "Evisholme", Tetney Lane, Holton-le-Clay,
Lincs.

Mrs. R. W. Ward, S.R.N., S.C.M., 66 Louth Road, Scartho, Grimsby.
(Telephone 77385)

Miss D. F. Naylor, S.R.N., S.C.M., The Cafe, Caistor.
(Telephone Caistor 276)

District Nurses/Midwives:-

Miss D. Buckley, (Immingham 289) - Immingham and Habrough.
71 Worsley Road, Immingham.

Miss B. B. Richardson, (Roxton 204) - Stallingborough.
7 St. Anne's Road, Keelby, Lincs.

Mrs. M. Meachen, (Laceby 331) - Aylesby, Beelsby, Bradley,
"Homefield", Butt Lane, Laceby. Barnoldby-le-Beck,
Great Coates, Healing,
Irby-upon-Humber, Laceby.

Miss R. Smith, (Waltham 2344) - Ashby-cum-Fenby, Brigsley,
15 Doughty Close, Waltham. East and West Ravendale,
Hatcliffe, Old Waltham.

Miss D. Castledine, (Humberston 3197) Humberston, New Waltham
9 Glebe Close, Humberston. and Weelsby.

Welfare Officers:-

Mr. F. Lee) 31 Market Place, Cleethorpes.
Mr. A. Wright) (Telephone Cleethorpes 62987)

Home Help Services.

The County Council under Section 29 of the National Health Service Act operate a 'Domestic Help Service' for the following types of cases:-

- (1) Where there is illness in the household
- (2) Expectant mothers and maternity cases during the lying-in period
- (3) Where there is an aged person in the household.

Persons receiving domestic help under the County Council's scheme are required to pay such charge as, having regard to the means of those persons, the County Council consider reasonable.

Applications for help in the Cleethorpes area should be made to the Assistant Organiser at 31 Market Street, Cleethorpes.

The Assistant Organiser can be interviewed at the above address at the following times:-

Mondays and Fridays	...	...	9.0am. to 12.30pm. and 2.0pm. to 5.30pm.
Tuesdays, Wednesdays, and Thursdays	...	...	9.0am. to 10.0am. and 2.0pm. to 2.30pm.
Saturdays	...	...	9.0am. to 12 Noon.

Meals on Wheels.

The Lindsey group of the Women's Voluntary Service for Civil Defence provide a 'Meals on Wheels' service in parts of the district. Great Coates, Healing and Stallingborough have meals organised on Wednesdays and Fridays by Mrs. Bowman of Healing, whilst on Tuesdays and Thursdays Mrs. Lillicrap organises meals at Immingham. The purpose is to provide a hot, nutrient meal for the aged and house-bound at a nominal charge; and in so doing, help to create a balanced diet for those whose health would otherwise suffer. Help in the provision of transport and utensils is given by Local Authorities, but all the hard work of preparing, cooking and distributing the meals is done on a completely voluntary basis. In all, approximately 36 meals are given by each of the groups.

Care of the Aged.

The problem of caring adequately for old people is one that gets more difficult each year. Every effort is made to support the aged and infirm in the community, but often despite the combined efforts of the General Practitioner,

Care of the Aged (continued)

Welfare Officers, Home Helps, District Nurses and W.V.S. Institutional care is still necessary. The shortage of hospital beds for the aged and chronic sick continues, and many people in need of hospital care have to wait for weeks before being admitted.

SCHOOL HEALTH SERVICES.

Preventive Medicine.

Vaccination and immunisation was carried out with maintained vigour during the year with the following results:-

Diphtheria Immunisation	Under 5 years of age at date of initial immunisation	Between 5 and 14 years of age at date of initial immunisation	Boosting doses
	1	-	657

Diphtheria and Whooping Cough immunisations - Nil.

	Under 1	1	2	3	4	5-9	10-14	TOTAL
Diphtheria Tetanus and Whooping Cough Immunisation	179	189	12	4	1	4	-	389
Diphtheria and Tetanus Immunisation	-	-	-	-	1	21	5	27

There were no Whooping Cough, or Whooping Cough and Tetanus immunisations during the year.

Smallpox.

	Under 1	1-4	5-14	15 and over	TOTAL
Vaccination	32	40	5	28	105
Re-vaccination	-	3	4	27	34

Tetanus Immunisation.

	Under 1	1-4	5-14	15 and over	TOTAL
Initial Course	-	-	54	15	69
Booster	-	-	-	2	2

GRIMSBY RURAL DISTRICT COUNCIL

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR
AND HOUSING MANAGER

Mr. Chairman, Ladies and Gentlemen,

I have the honour to make my contribution to the Report of the Medical Officer of Health for 1963

The continuing growth in the numbers of properties in the District makes the carrying on of vital services and the maintenance of standards of environmental health a task which requires constant oversight. Nevertheless, it is a challenging situation, demanding maximum output from staff and men.

The sanitary circumstances of the area have been noticeably improved by the further sewerage of the district. This is particularly relevant at the Humberston Fitties, where the pail closet, now being made redundant, has for long been a blight on holiday bliss. Tribute must be paid to the wholesome and sufficient supply of water available to domestic premises in the Council's district. It was decided during the year to set up two stations for the measurement of smoke and sulphur dioxide in the atmosphere.

I should like to thank all members of my staff for their work during the year, and pay tribute to the Chairmen of Committees and Councillors for their help and interest in the work of my department.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

C. C. WATSON

Chief Public Health Inspector
and Housing Manager.

SANITARY CIRCUMSTANCES OF THE AREA:-Water Supply.

The water undertaking for the Grimsby Rural District is vested in the North East Lincolnshire Water Board. Throughout the year, the supply has been found to be both adequate and pure. Routine samples of water are taken by the Board for both bacteriological and chemical analysis, and copies of reports are sent by the Laboratory to the Health Department. In addition, samples of water are taken by the Public Health Inspectors, and during the year, 8 samples were submitted for bacteriological examination. All of these samples were found to be satisfactory.

PARISH	Supply direct to Houses		Supplied by Standpipe Population.
	No. of Houses	Population	
Ashby-cum-Fenby	72	150	20
Aylesby	32	122	-
Barnoldby-le-Beck	82	230	11
Beelsby	36	113	-
Bradley	62	196	-
Brigsley	105	303	-
Great Coates	221	560	-
Habrough	153	385	-
Hatcliffe	51	131	15
Healing	545	1,350	-
Humberston	1,741	3,500	-
Immingham	1,524	5,000	-
Irby-upon-Humber	39	115	20
Laceby	710	1,517	20
New Waltham	769	2,250	-
Ravendale	41	74	-
Stallingborough	228	653	14
Waltham	1,256	3,160	38
Weelsby	19	60	10
Wold Newton	36	86	14

Water - General.

During 1963 a new swimming pool was opened at the Beacholme Holiday Camp, North Sea Lane, Humberston. For the purpose of ascertaining the chlorine levels of the water in bathing pools a comparator was purchased. This was used to check the weekly levels of chlorine in the water throughout the summer season from this pool, as well as from that at the Y. M. C. A Camp at South Sea Lane, Humberston.

In all, 50 samples were taken and submitted to the Public Health Laboratory at Lincoln; 43 of these proved satisfactory and five were deemed suspicious. The remaining two were designated unsatisfactory but repeat samples taken after adjustment of chlorine levels gave satisfactory results.

Following the unsatisfactory result of samples taken from a ship at Immingham Dock in 1962, regular samples were taken from hydrants and tugs supplying fresh water to shipping. Of the 44 samples and repeat samples taken in this respect 22 were found to be satisfactory, 4 were designated as suspicious and 18 as unsatisfactory.

DRAINAGE

During the year 36 drainage systems were reported as obstructed or defective. All of them were cleansed by rodding.

OFFENSIVE TRADES.

There are 3 premises which carry on registered Offensive Trades in the District, 2 of which are connected with the Fishing Industry. Fourteen visits were made to these premises during the year but no serious faults were found. The year is notable for the fact that nuisances were not reported from the emission of obnoxious odours. Chlorination of the emissions may well take credit for this though emissions from an industrial factory on the Humber Bank may have relegated fish to a relatively insignificant position.

FACTORIES ACTS, 1937/1959.

The following statutory tables set out inspections of factories during the year:-

Premises	No. on Register	No. of		Prosecutions
		Inspections	Notices	
Factories in which S. 1, 2, 3, 4, 6, are enforced by Local Authority.	1	6	-	-
Factories not included above in which S. 7 is enforced by Local Authority.	59	6	-	-
Other premises in which S. 7 is enforced by Local Authority (excluding outworkers)	23	5	-	-
TOTALS	83	17	-	-

NOTE: Sections 1 - 6 of the Act govern the standards of cleanliness, overcrowding, temperature, ventilation and floor drainage in factories, whilst Section 7 concerns the provision and maintenance of adequate sanitary accommodation.

CASES IN WHICH DEFECTS WERE FOUND:-

	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found	Remedied	Referred		
			to H. M. Insp.	by H. M. Insp.	
Sections 1, 2, 3, 4, 6 Sanitary Conveniences (S. 7)(b) Unsuitable/ defective.	-	-	-	-	-
Other offences.	2	2	-	2	-
	-	-	-	-	-
TOTALS:	2	2	-	2	-

FACTORIES ACT - PART VIII - Outworkers.

There are no factories in the district employing outworkers. However, other Local Authorities notified seven outworkers living in the district, two concerned with knitwear and five with net braiding. All were visited during the year.

SCAVENGING SERVICES.Refuse Collection:-

In spite of the increase in the number of properties served it was still found possible to give a back door collection to each domestic property. The interval between collections rarely exceeded 9 - 11 days.

The difficulties of trying to satisfy the refuse collection requirements of ratepayers, in a rapidly expanding district, were again made very evident. The time is fast approaching when a complete reappraisal of this service must be made. Increased staff, more vehicles, more modern techniques, are only some of the remedies. It is felt that the only real long-term solution is the use of paper sacks throughout the district. This method has an advantage not found in any of the other types of systems in that it offers more congenial working conditions for the men. This, it is felt, will be a major factor in the recruitment of refuse collectors in the future, particularly if full employment is achieved in the district.

The number of houses utilising the paper sack system increased as new Council properties at Immingham were supplied with sackholders as original equipment.

Trade Refuse.

A scheme for the collection of trade refuse was commenced in 1963, the Council making a Declaration which took effect in March. The old salvage scheme had been found to be uneconomic since the income from waste paper, controlled in amount by the purchasers, did not even cover the cost of wages paid to the baling operative.

By December there were 75 premises subscribing to the scheme. A total of 176 bins or bin equivalents at £2. 10s. 0d. each per year brings in a revenue of £440. 0s. 0d., per annum. This is in addition to the special collection of trade waste on a contract basis.

Vehicles.

Trials were held during the year with a view to the purchase of a vehicle which had mechanical compression devices to increase its refuse capacity. Using such a vehicle it is possible to increase the time interval between tipplings, thus reducing wasted time running to and from the tips. In December a vehicle of this type was ordered, a Dennis Paxit III A of 50 cu. yds. capacity.

Disposal.

The nearing completion of tipping facilities at the Butt Lane, Laceby, tip prompted a search for new tipping areas. A suitable site was found at the rear of Wilton Road, Humberston brick yard.

This was an old brick pit which was disused and flooded; and the owners agreed to lease the tipping rights to the Council.

During the latter end of the year work was commenced on removal of the floodwater, for which purpose, an electric submersible pump was obtained.

Scavenging - Cesspool Service.

This service deals at present with the few parts of the district lacking sewers. This service will be even more reduced when the work on the sewerage schemes, commenced this year at Great Coates, Healing, Immingham, and The Fitties Camps, are completed. At that time it is envisaged that this service will be in demand almost wholly by industrial concerns.

The figures since 1957 are:-

1957	-	2,291 cesspools emptied
1958	-	3,140 cesspools emptied
1959	-	3,248 cesspools emptied
1960	-	2,886 cesspools emptied
1961	-	1,638 cesspools emptied
1962	-	1,270 cesspools emptied
1963	-	1,158 cesspools emptied

Scavenging - Nightsoil Collection.

This service continued to operate weekly and the completion of privy conversion schemes in the district enabled the collection to be completed on four nights a week during the hours of darkness.

HOUSING.

New houses erected during 1963.

A total of 460 new houses was erected during the year, 52 by the Council and 408 by private owners.

Slum Clearance.

(a) An area comprising seven terraced houses at Hatcliffe was represented to the Council for demolition. The Council decided to make a Clearance Order under the Housing Act, 1957.

(b) Six properties were submitted under Section 16 of the Housing Act, 1957, as being unfit for human habitation and incapable of being rendered fit at reasonable expense. Three families were rehoused by the Council from these premises. In one case, the owner submitted proposals for repair and these were accepted by the Council. A Closing Order was made in respect of another of these houses but the owner decided to demolish the house voluntarily. All the remainder had Demolition Orders made, and at the year's end, two had been demolished and one sold to a builder who agreed to demolish upon the development of the site.

COUNCIL HOUSES.

During the year, 52 new Council houses were built and occupied. In addition, due to casual vacancies caused by existing tenants leaving the houses, a further 68 families were housed, 30 families being brought into the area by reason of their employment at Immingham.

COUNCIL HOUSE REPAIRS

The Council employs its own skilled labour for the repair and maintenance of Council houses, with the exception of gas and electricity repairs. During the year 2,167 orders were given to the Repairs Staff, and of these, 2,125 jobs were completed, made up as follows:-

New Tiled Surrounds installed	16
Fireplace Repairs	205
Clearing and repairing drains	121
Structural Repairs	282
Joinery Repairs	386
Miscellaneous Building Repairs... ..	135
Burst Pipes	199
Defective Ball Valves	243
Leaking Back Boilers	39
Descaling Hot Water Systems	42
New Cylinders and tanks	76
Miscellaneous Plumbing Repairs	381
	<hr/>
	2,125
	<hr/>

RODENT CONTROL

The following table summarises the work done by the Rodent Operator and Public Health Inspectors during 1963:-

	Council Depots.	Dwelling Houses.	Business Premises	Agric. Premises	TOTAL
Inspected on notification	-	637	21	28	686
No. of premises found to be infested with rats or mice.	2	960	47	43	1,052
No. of inspections made on survey.	24	643	1	14	682
No. of inspections made in connection with rats or mice, otherwise than by notification or by survey.	-	2,678	409	1	3,088
Total inspections including re-inspections	24	3,958	431	43	4,456
No. of properties found to be infested and treated by Rodent Operator.	16	713	23	57	809

During the year the Rodent Operative also treated one ship at Immingham Docks.

In January, 1963, following reports at the Parish Council meeting of an increased number of rats in Laceby village, a "Rat Week" was organised. The week started with a film show and talk in the village hall, when free rat bait was issued. The village was then block treated. The finding at the end of the week was that there was no unusually large infestation of rats in the village.

Insect Pests

The Rodent Operative was kept very busy during the Summer treating a total of 253 wasps' nests, considerably more than in the previous year. In addition, a number of disinfestations were carried out in respect of cockroach infestations in buildings.

Food Sampling.

During the year regular samples were taken of ice-cream and salt dried codfish. All the samples except one ice-cream sample were satisfactory. This unsatisfactory sample was found to be caused by an electrical power cut, when the refrigerator was switched off for a period, allowing the ice-cream mix to be raised above the prescribed temperature.

INSPECTION AND SUPERVISION OF FOOD.

Routine inspections of the various food premises in the district have been carried out during the year. Visits to these premises can be categorised as follows:-

Bakehouses	...	...	...	6	Butchers	...	...	...	11
Catering Businesses	...	...	...	5	Confectioners	...	...	...	2
Fish Friers	...	...	...	12	Fish Retailers	...	...	...	2
Greengrocers	...	...	...	1	Grocers, etc.	...	...	...	27
Stalls	...	...	...	1	Bread/Cake Shops	...	...	...	18
Mobile Shops	...	...	...	2	Fish Curers	...	...	...	14
Miscellaneous Food Premises				7					

The following premises are registered by the Council, and have been kept under constant surveillance:-

	<u>Number of premises</u>	<u>Number of inspections</u>
Ice-cream manufacturers	2	11
Ice-cream retailers	61	22
Meat preparers	20	128

During the course of routine inspections, contraventions of the Food Hygiene Regulations were found, but all were satisfactorily dealt with by informal action.

SLAUGHTERHOUSES.

The private slaughterhouse at Immingham was inspected by the Ministry of Agriculture, Fisheries and Food Inspector in August. He asked that the wood scalding tub for pigs and the wooden sheep cratches be replaced by metal utensils. This was done forthwith and the high standard required in respect of this type of premises was maintained.

The following table sets out the number of animals killed and inspected, together with condemnations made:-

	Cattle (exc. Cows)	Cows	Calves	Sheep Lambs	Pigs
Number killed	176	1	-	536	274
Number inspected	176	1	-	536	274
Found to be affected with Tuberculosis	-	-	-	-	4 1.4%
All diseases excluding Tuberculosis	11 6.2%	1 100%	-	9 1.6%	15 5.4%
Cysticercosis found	-	-	-	-	-
Cysticercosis refrigerated	-	-	-	-	-

Food (other than Carcase Meat) Condemned.

Tinned Meat Products	...	...	...	...	1stone	7lb. 7oz.
Other Tinned Products	...	...	9cwt.	1qtr.	4stone	3lb. 6oz.
Other Groceries	...	...	...	...	...	15lb. 6oz.
Fish (Salt Dried Codfish)	...	1ton	14cwt.	1qtr.	1stone	13lb. 0oz.
		2ton	4cwt.	2qtr.	-	11lb. 3oz.

The condemnations are made on ships in Immingham dock and at food premises in the Rural District. The food which has been condemned is dealt with as follows:-

Carcase Meat - Collected and Processed by a local firm of animal fodder manufacturers.

Tinned Products and Groceries - Buried at the Council's Refuse Tip.

Fish - Sent for the manufacture of fish meal.

NUISANCES.

A total of 126 statutory nuisances were abated during the year, all but three by informal action by the Public Health Inspectors. The following table gives the nuisances by type and shows the action taken in each case.

	<u>After Informal</u> <u>Action</u>	<u>After Statutory</u> <u>Action</u>
Drainage	51	2
Foul Ditches, etc.	25	-
Accumulations (including Litter)	7	1
Animals and Poultry	12	-
Other Nuisances (including Smoke)	28	-
TOTAL:	123	3

PORT HEALTH.

PORT OF IMMINGHAM (including Killingholme Jetties and
White Booth Roads, River Humber).

Table 'A' SECTION 1 - STAFF.

Name of Officer	Nature of Appointment	Date of appointment	Qualifications	Any other appointment
Dr. R. T. Pagan	Port Medical Officer	1. 7. 62.	M.B., Ch.B., L.R.C.P., M.C.R.S.	M.O.H. Grimsby R.D.C. and Cleethorpes.
Dr. E. Britain	Port Medical Officer	19. 8. 63.	M.B., B.S., D.P.H.	M.O.H. Grimsby R.D.C. and Cleethorpes.
Dr. S. Bedford	Deputy Port Medical Officer of Health	15. 12. 41.	L.R.C.P. & S.	General Medical Practitioner
Dr. G. R. Gates	Deputy Port Medical Officer of Health	23. 2. 59.	M.B., Ch.B.	General Medical Practitioner
C. C. Watson	Chief Port Health Inspector	28. 7. 52.	Cert. R.S.H., Cert. M & F. Insp.	Chief Public Health Inspector & Housing Manager, Grimsby R.D.C.
A. F. C. Kent	Deputy Chief Port Health Inspector	17. 6. 62.	Cert. R.S.H., Cert. M & F. Insp.	Deputy Chief Public Health Inspector, Grimsby R.D.C.
E. H. Barnett	Additional Port Health Inspector	4. 6. 56.	Cert. R.S.H.	Additional Public Health Inspector, Grimsby R.D.C.
D. W. Naylor	Pupil Public Health Inspector	24. 9. 62.		Pupil Public Health Inspector, Grimsby R.D.C.
Address of Port Medical Officer of Health:- Port Health Office, Dock Offices, IMMINGHAM DOCK. Telephone: Immingham 206.				

SECTION II - AMOUNT OF SHIPPING ENTERING THE DISTRICT 1963.

Table 'B'

Ships from	Number	Tonnage	Number Inspected		No. of ships having had inf. disease on board
			By MOH	By PHI's	
Foreign Ports	1,097	2,247,699	1	1,097	1
Coastwise	1,140	1,284,820	-	1,140	-
TOTAL:	2,237	3,532,519	1	2,237	1

SECTION III - CHARACTER OF SHIPPING AND TRADE DURING THE YEAR

Table 'C'.

Passenger Traffic	Number of Passengers INWARDS ... 592 Number of Passengers OUTWARDS ... 510	
Cargo Traffic	Principal IMPORTS:-	Iron Ore, Timber, Pit Props, Grain, Sulphur, Ilmenite Sand, Fuel, Oil, Phosphate Rock, Petroleum, Naphtha Trilonytrile.
	Principal EXPORTS:-	Coal, Coke, Creosote, Paper, Fertilisers, Steel, Building and Roadmaking Materials, Petroleum, Chemicals, Cars, Tractors.
Principal Ports from which ships arrive.	Ports in Australia, Baltic, Canada, Finland, France, Germany, Holland, India, Norway, South America, U.S.A., U.S.S.R.	

SECTION IV - INLAND BARGE TRAFFIC:-

IN - 3,146

OUT - 3,138

SECTION V - WATER SUPPLY:-

- (1) Source of Supply:- (a) the district ... Two deep bores at west end of Dock, North East Lincs. Water Board elsewhere.
- (b) shipping ... Piped to all Quays.
- (2) Samples of drinking water taken from hydrants, taps, ships, tanks, etc., for examination.
- (3) Precautions taken against contamination - regular inspection and washing out of hoses before use.
- (4) Number of Water Boats - Three tugs with special fresh drinking water tanks - and their sanitary tanks cleansed and limewashed every six months or condition:- as necessary.

SECTION VI - PUBLIC HEALTH (SHIPS) REGULATIONS 1952:-

- (1) List of Infected Areas:- This list is received weekly direct from the World Health Organisation. Copies of the infectious areas list are supplied to the personnel of H. M. Customs and Humber Pilots.
- (2) Radio Messages:-
- (a) Transmitting ... There are no facilities at the Port for sending messages.
- (b) Receiving ... Messages received via H. M. Customs and Humber Radio.
- (3) Notifications otherwise than by radio ... Statutory codes of flags and light signals, oral messages when ship approaches Jetties.
- (4) Mooring Stations ... (a) Buoys in centre of Dock.
(b) River Humber.
- (5) Arrangements for ... (a) Hospital accommodation for infectious diseases other than Smallpox - Springfield Isolation Hospital, Grimsby.
(b) Contacts of infectious disease kept under surveillance by the Medical Staff whilst in Port.
(c) Cleansing and disinfection of ships carried on under the supervision of Public Health Inspector. Disinfection of clothing and other articles would be carried out at the Springfield Isolation Hospital, Grimsby.

SECTION VII - SMALLPOX:-

- (1) Smallpox cases sent to Smallpox Isolation Hospital, Laceby (40 beds).
- (2) Grimsby County Borough provide special Smallpox ambulance for the transport of all cases to hospital. All the ambulance crews are vaccinated every two years.
- (3) Smallpox Consultant:- Dr. J. Glen, Springfield Isolation Hospital, Grimsby.
- (4) Laboratory Diagnosis:- Pathological Laboratory, Grimsby General Hospital, and the Public Health Laboratory Service at Lincoln.

SECTION VIII - VENEREAL DISEASES:-

Facilities for the diagnosis and treatment of Venereal Disease are available at the Special Treatment Centre, 38 Queen Street, Grimsby.

Cases are referred there, and cards with printed instructions regarding these facilities are left on board ship by the Public Health Inspectors during their visits.

During 1963, 69 British seamen and foreign seamen from ships in the Dock attended at the Centre.

SECTION IX - CASES OF NOTIFIABLE AND OTHER DISEASES ON SHIPS:-

TABLE 'D'.

Category	Disease	No. of cases during 1961		No. of ships concerned
		Passengers	Crew	
Cases landed from ships from foreign ports.	Typhoid	Nil	1	1
Cases which have occurred on ships from foreign ports, but have been disposed of before arrival	Mumps	Nil	1	1
Cases landed from other ships.	Nil	Nil	Nil	Nil

SECTION X - OBSERVATIONS ON OCCURRENCE OF MALARIA IN SHIPS:-

No cases occurred during the year.

SECTION XI - MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED OF PLAGUE.

No such cases occurred during the year. In the event of such an occurrence, the following measures would be adopted.

The vessel would be directed to designated mooring station for special medical examination of passengers and crew, and the necessary disinfection of persons, clothing, bedding and accommodation, etc., carried out. If plague-infected rats were found or suspected, the vessel would be boomed off, and thoroughly fumigated with H. C. N. During discharge of cargo, special watch would be kept for rats. Moorings and gangways would also receive special attention.

SECTION XII - MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS.

(1) Steps taken for the detection of rodents:-

- | | |
|---|--|
| (a) In ships in the Port: | Routine inspections of all compartments including holds, bunkers, etc. |
| (b) On Quays, Wharves, Warehouses, and in the vicinity of the Port: | Regular inspection of all quays, wharves, warehouses: prompt disposal of all refuse, elimination of rat harbourages. |

- (2) Arrangements for the bacteriological or pathological examination of rodents have been made with the Pathological Department of Grimsby General Hospital.
- (3) Arrangements for de-ratting of ships are made as and when necessary with commercial contractors, viz. Associated Fumigators Limited, 112 Victoria Dock Road, London E.16.; Deodor-X Hygiene Services, Ellesmere Port, Cheshire; London Fumigation Company Limited, Marlow House, Lloyds Avenue, London E.C.3; and Riverside Fumigators, Hull. Methods used include fumigation with H. C. N. liquid or Zyklon B., also S. O. 2.
- (4) Progress in rat-proofing of ships-instructions and guidance to Masters or Officers in Charge, wiring of store-rooms, gratings, etc., sheet metal tinning of bulkheads, beam openings, etc. Collaboration with Dock Authorities.

Rodents destroyed during the year in ships from foreign
ports. Table 'E'.

<u>Category</u>	<u>Number</u>
Black Rats	Nil
Brown Rats	Nil
Species not known	Nil
Sent for examination	Nil
Infected with Plague	Nil

De-ratting Certificates and De-ratting Exemption Certificates
issued during the year for ships from foreign ports. Table 'F'.

No. of De-ratting Certificates Issued					No. of De-ratting Exemption Certificates issued.	Total Certificates Issued
HCN	Other fumigant	After Poison	After Trapping	TOTAL		
-	-	1	-	1	76	77

SECTION XIII - INSPECTION OF SHIPS FOR NUISANCES:-

Inspections and Notices. Table 'G'.

Nature and Number of Inspections				Notices served		Result of service of Notices
				Statutory	Other	
Dirt and Vermin	99	-	72	-	72	72 remedied.
Structural Defect	-	-	-	-	-	-
Constructional Defect	-	-	-	-	-	-
TOTAL:		99	-	72	72	72 remedied.

SECTION XIV - PUBLIC HEALTH (SHELLFISH) REGULATIONS,
1934/48.

There are no shellfish beds or layings within the jurisdiction of this Authority.

SECTION XV - MEDICAL INSPECTION OF ALIENS:-

- (1) Medical Inspector holding Warrants:- Dr. R. T. Pagan.
Dr. Elizabeth Britain.
- (2) Additional Public Health Inspector:- Mr. E. H. Barnett.
- (3) Organisation:- Public Health Inspector
telephones Medical Inspector
when required.
- (4) 365 aliens arrived at the port in 132 vessels.
- (5) Accommodation for medical examination is satisfactory.

SECTION XVI - MISCELLANEOUS.

Persons dying on board ship from infectious diseases are removed to mortuary at Grimsby General Hospital, and the arrangements made for interment locally.

*

ELIZABETH BRITAIN

Medical Officer of Health.

